

General Cable Product Data Sheet

Part Number: E3603S

Revision Level: 0

Date: 10/26/2007

3C 18 SOLID BC FLEX OAS FLEX

Fire Alarm/Life Safety Cable

A. CONSTRUCTION

DIAMETERS

Conductor:	#18 AWG Solid Bare Copper	0.040" nom.
Insulation:	0.010" Wall FLEXGUARD*	0.060" nom.
Cable:	3C @ 1.75" LHL with AL / PE & # 22 7/30 TC DW	0.135" nom.
Jacket:	0.015" Wall FLEXGUARD* - Red	0.165" +/- 0.008"
Print Legend:	CAROL (R) 18 AWG - - E3603S - - 75C TYPE FPLP E66267-8 (UL) - - MADE IN USA (DATE CODE & SEQUENTIAL FOOTAGE 1000' TO 0')	

B. INDUSTRY APPROVALS

National Electrical Code
UL Standard 1424

Article 760
Type FPLP

C. ELECTRICAL PROPERTIES

TEMPERATURE:	75C
SUGGESTED WORKING VOLTAGE (V _{rms}):	300V
CONDUCTOR D.C. RESISTANCE:	6.4 Ohms/1000 ft nom
SHIELD RESISTANCE:	6.2 Ohms/1000 ft nom
MUTUAL CAPACITANCE:	51.01 pF/ft @ 1kHz nom
GROUND CAPACITANCE:	91.82 pF/ft @ 1kHz nom
CHARACTERISTIC IMPEDANCE:	39.1 Ohms @ 1MHz nom

D. COLOR CODE (Listed as Individual Conductors or Pairs of Conductors)

1	Black
2	Red
3	Brown

Note: Data are subject to change without notice. Contact your Customer Service representative for latest information.

*FLEXGUARD is a trademark of General Cable Corporation for polymer alloy insulation and jackets.